



# भारत का राजपत्र The Gazette of India

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सं० 38] नई दिल्ली, शनिवार, सितम्बर 19, 1981 (भाद्रपद 28, 1903)  
No. 38] NEW DELHI, SATURDAY, SEPTEMBER 19, 1981 (BHADRA 28, 1903)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III--खण्ड 2

### [PART III--SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE  
THE PATENTS AND DESIGNS  
Calcutta, the 19th September 1981  
CORRIGENDUM

In Part-III, Section 2 of the Gazette of India, dated the 23rd May, 1981 Page 281, Columns 1 and 2 under the heading "Restoration Proceedings"—

Delete the entry under item (11).

APPLICATION FOR PATENTS FILED AT THE HEAD  
OFFICE 214, ACHARYA JAGADISH BOSE ROAD,  
CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

13th August, 1981

908/Cal/81. Scott Badr Company Limited. Coating compositions. (August 15, 1980).

909/Cal/81. Fosroc International Limited. Capsules containing self-setting compositions and the compositions. (August 13, 1980) (April 8, 1981).

910/Cal/81. The B. F. Goodrich Company. Process for chlorination of PVC in water without use of swelling agents.

911/Cal/81. Advance Engineering Inc. System for preventing clogging of the outlet orifice of a dispenser tank containing powdered reagent and auxiliary tank discharge means.

14th August, 1981

912/Cal/81. International Chemical Company Limited. Roll-on dispensing device. (August 12, 1980) (April 14, 1981).

1-247GI/81

913/Cal/81. Midrex Corporation. Method and apparatus for the direct reduction of iron in a shaft furnace using gas from coal.

914/Cal/81. Metripond Merleggyar. Hand surgery operating table.

915/Cal/81. Kerilea Cloche Limited. Cloches. (August 15, 1980).

17th August, 1981

916/Cal/81. D. K. Jain, R. K. Jain, S. Kumar, J. K. Jain and A. K. Jain. Improvements in or relating to couplings.

917/Cal/81. Minnesota Mining and Manufacturing Company. Abrasive article comprising abrasive agglomerates supported in a fibrous matrix.

918/Cal/81. The Green Cross Corporation. Process for emulsifying water-insoluble steroid.

18th August, 1981

919/Cal/81. F. M. J. Kent. Improvements in candles. (August 21, 1980).

920/Cal/81. Metallgesellschaft. A.G. Process for decreasing the sulfur content of exhaust gases obtained during the recovery of sulfur.

921/Cal/81. Dana Corporation. Spring clutch.

922/Cal/81. Italtel Societa Italiana Telecomunicazioni S.p.a. Circuit arrangement for detecting malfunctioning in a data processing system including a microprocessor of commercial type.

923/Cal/81. D. K. Sinha. A new mechanism for typewriters

19th August 1981

- 924/Cal/81. Westinghouse Electric Corporation. Two-speed motor control.
- 925//Cal/81. Texaco Development Corporation. Coal liquefaction.
- 926/Cal/81. U. Meffert. Spatial puzzle toy. (March 27, 1981) (April 16, 1981).
- 927/Cal/81. Italtel Societa Italiana Telecomunicazioni s.p.a. Device for controlling space-time continuity in dynamic connections of a buffer network for time-division telecommunication systems.

THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, 3RD FLOOR, KAROL BAGH, NEW DELHI-110 005

1st July 1981

- 423/Del/81. Nimish S/o Jagmohan Mehta, "Safe water to drink".
- 424/Del/81. Innovative Technology International, Inc. "Memory Alloy Thermal Motor".

2nd July, 1981

- 425/Del/81. Dulux Australia Limited, "Dispersion process and product". (July 3, 1980 and June 16, 1981).

3rd July, 1981

- 426/Del/81. The Secretary of State for Defence in Her Britannic Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, "Actuating Mechanisms for Small Arms". (July 14, 1980).
- 427/Del/81. The Secretary of State for Defence in Her Britannic Majesty's Government of the United Kingdom of Great Britain and Northern Ireland of Whitehall, "Firearms with Rotary Magazines". (July 14, 1980).
- 428/Del/81. The Secretary of State for Defence in Her Britannic Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, "Firearms with Re-Chargeable Magazine". (July 14, 1980).

- 429/Del/81. Pfizer Inc., "9-Amino-1-Hydroxyoctahydrobenzo(c) Quinolines and Derivatives Therefor".

4th July, 1981

- 430/Del/81. Diamond Shamrock Industrial Chemicals Limited formerly known as Lankro Chemicals Limited "A process for the production of an hydroxy terminated thermoplastic polyurethane resin composition". (March 10, 1977), [Divisional date March 6, 1978].

6th July, 1981

- 431/Del/81. The Secretary of State for Defence in Her Britannic Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, "Training Ammunition". (July 18, 1980).

7th July, 1981

- 432/Del/81. Geoffrey Thomas Glasson, "Multi-Shell Insulator and Method of Construction". (July 15, 1980).
- 433/Del/81. Franco Nania, "Prefabricated Building block and civil building composed of a plurality of such blocks assembled together".

8th July, 1981

- 434/Del/81. Bharat Heavy Electricals Ltd., "An Electrohydraulic speed governing or controlling system for Turbo-Generators or Turbo-Alternators".
- 435/Del/81. Bhushan Lal Mittal, "A Shredder or Fiberizer."
- 436/Del/81. Bhushan Lal Mittal, "An Anvil Plate for a Shredder or Fiberizer."
- 437/Del/81. Bhushan Lal Mittal, "A Hammer for use in a Shredder or Fiberizer."

- 438/Del/81. Bhushan Lal Mittal, "A Shredder or Fiberizer."
- 439/Del/81. Compagnie Francaise Des Aciers Speciaux, "Process for manufacturing Axles-Shafts."
- 440/Del/81. Standard Oil Company, "Method and Apparatus for obtaining selected samples of formation fluids."

9th July, 1981

- 441/Del/81. GKN Screws & Fasteners Limited, "Fastener and Driver Combination.", (July 23, 1980).

13th July, 1981

- 442/Del/81. Purshotam Lal Gupta, "Puzzle Game."
- 443/Del/81. CGEE Alsthom, "Apparatus for measuring single phase reactive power in an AC Circuit."
- 444/Del/81. Morgan Construction Company, "Compact Rolling Mill."

14th July, 1981

- 445/Del/81. General Sales Private Limited, "An improved Nut and Bolt arrangement for use in Collapsible Furniture."
- 446/Del/81. Sohan Singh Attarwala & Son, Proprietors, Veena Perfumery Co., "Cooler Perfumes."
- 447/Del/81. Sachindra Nath Sen, "An Electrical Switching Means."
- 448/Del/81. Rajinder Nath, "An Electrical Kitchen Device."
- 449/Del/81. Rajinder Nath, "An Electrically driven Centrifugal Juice Extractor."
- 450/Del/81. Rajinder Nath, "An Electrically driven Slicer and Grater."
- 451/Del/81. Imperial Chemical Industrial Limited, "Emulsion Blasting Agent containing Urea Perchlorate" (July 21, 1980).
- 452/Del/81. Imperial Chemical Industries Limited, "Emulsion Type Blasting Agent containing Hydrazine Mononitrate" (July 21, 1980).
- 453/Del/81. A/S Norcem, Section for Research & Development, "Method of making Sorel Cement Compositions."

- 454/Del/81. Chloride Silent Power Limited, "Electrochemical Storage Batteries and Modules Therefor." (July 23, 1980 and November 6, 1980).

- 455/Del/81. Imperial Chemical Industries Limited, "Electrode for use in Electrolytic Cell." (July 30, 1980 & September 18, 1980).

15th July, 1981

- 456/Del/81. Agrigenetics Corporation, "A process for the rapid development of Hybrid Plants and commercial production of Hybrid Seed."

- 457/Del/81. Edward Ronald Scott, "Cooker."

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH TODI ESTATES, 3RD FLOOR, LOWER PAREL (WEST), BOMBAY-400 013

14th July, 1981

- 205/Bom/81. Hoechst Pharmaceuticals Limited, A process for the preparation of novel chemotherapeutic bisamidine derivatives of 6(5H)-phenanthridinone and pharmaceutically acceptable salts thereof.

15th July, 1981

- 206/Bom/81. Sudarshan Chemical Industries Ltd, Device to accomplish better heat transfer co-efficient.

16th July, 1981

- 207/Bom/81. Manikrao Dombaji Khetkhede, Correction to Newton's equations of motion and second Law of motion.

17th July, 1981

- 208/Bom/81. Crompton Greaves Limited, Novel suspension shackle system for electric ceiling fans.

20th July 1981

- 209/Bom/81. Ion Exchange (India) Limited. Process for the preparation of an improved macroporous anion exchanger in the form of substantially spherical beads or droplets.
- 210/Bom/81. Ion Exchange (India) Limited. Process for the treatment of iron-containing water for the removal of iron therefrom.
- 211/Bom/81. Shankar Balkrishna Joshi. An emergency warning mechanism for railways.

23rd July, 1981

- 212/Bom/81. Nautamix B.V. Liquid stabilizing composition and chlorine containing thermoplastics stabilized Therewith.
- 213/Bom/81. Camphor & Allied Product Limited. Improvements in or relating to a process for the preparation of m-Phenoxybenzyl chrysanthemate (Phenothrin).
- 214/Bom/81. Padmanna Jambu Chaugule. Composite monolithic roofs and/or upper floors for buildings.
- 215/Bom/81. Padmanna Jambu Chaugule. Composite tee and/or ell beams for roofs and/or upper floors of buildings.

24th July 1981

- 216/Bom/81. Rathi Industrial Equipment Co. Ltd. An improved grinding machine.

APPLICATIONS FOR PATENTS FILED AT THE  
PATENT OFFICE BRANCH,  
61, WALLAJAH ROAD,  
MADRAS-600 002

5th August, 1981

- 139/Mas/81. Lucas Industries Ltd. Master Cylinder (August 14, 1980).
- 140/Mas/81. J. P. Subramoniam. An improved tap.

7th August, 1981

- 141/Mas/81. J. Philip, V. V. Kuriakose & V. J. Paulose. "RINKER" (Type-writer ribbon re-inker) gadget.
- 142/Mas/81. K. Gopalakrishnan. An improved water boiler for domestic and commercial use.

## ALTERATION OF DATE

149127

39/Mas/80 Ante-dated 21st November 1977.

149128

40/Mas/80 Ante-dated 21st November 1977.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 65B<sup>1</sup> [LVII(2)]

149119.

Int. Cl.-H01f 40/06.

ENCAPSULATED INSTRUMENT TRANSFORMERS AND A METHOD OF MANUFACTURING SAME.

*Applicant* : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

*Inventor* : PAUL WILLIAM MARTINCIC.

Application No. 70/Cal/79 filed January 22, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims

An encapsulated instrument transformer comprising : a first electrical winding which in use will be at a known electrical potential; at least one insulating spacer member shaped complementary to at least a portion of the surface of said winding and disposed in opposite relationship to said winding, the insulating member in use being subjected to dielectric stress by virtue of its location between said electrical winding and a second conductive element which in use is at a second electrical potential; and a layer of encapsulating compound which is cured and disposed surrounding the electrical winding and said insulating member, the insulating member being made of such material which softens and amalgamates with the layer of encapsulating compound during curing, into a homogenous mass having no voids.

Comp. Specn. 21 pages.

Drg. 2 sheets.

CLASS 125B<sub>3</sub> [XLI(8)]

149120.

Int. Cl.-B011 3/02.

## A REMOTE PIPETTE.

*Applicant* : THE REACTOR RESEARCH CENTRE, DEPARTMENT OF ATOMIC ENERGY, KALPAKKAM-603102, CHENGALPATTU DIST., TAMIL NADU.

*Inventors* : (1) GANAPATHI RASIPURAM BALASUBRAMANIAN, (2) ARUMUGAM PALAMALAI & (3) ANJAPPA REDDY PERUMAL.

Application No. 8/Mas/79 filed January 24, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

## 5 Claims

A remote pipette comprising a hollow tubular body terminating in a nozzle at its lower end, the upper end of the said tubular body being enclosed in a chamber having a flexible bulb fixed thereon and an outlet at any predetermined angle with respect to the said tubular body, the said outlet leading to a container provided with means for periodical release of the liquid accumulated therein, the said upper end of the tubular body being smoothly bent so as to lead to the said outlet.

Complete Specn. 8 pages.

Drwgs. 3 sheets.

CLASS 110 [XXI(2)]

149121..

Int. Cl. D 04b 27/10.

A DEVICE FOR FEEDING YARNS OF CONTROLLED RATES TO THE KNITTING ELEMENTS OF A CIRCULAR KNITTING MACHINE.

*Applicant* : THE SOUTH INDIA TEXTILE RESEARCH ASSOCIATION, COIMBATORE AERODROME P.O., COIMBATORE-641014.

*Inventors* : (1) KASTHURISWAMY SREENIVASAN, (2) RAMACHANDRA NAIDU RAMAMURTHY, (3) SRINIVASALU NAIDU GOVINDARAJAN & (4) VENKATACHALAM RAMACHANDRAN SIVAKUMAR.

Application No. 16/Mas/79 filed January 30, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

#### 9 Claims

A device for feeding yarns at controlled rates to the knitting elements of a circular knitting machine comprising a plurality of individually rotatable rollers (6, 22 to 45) mounted on a substantially circular stand (46) fixed on the machine, an endless belt (15) driven by at least one adjustable or variable diameter pulley or wheel (16) which in turn is driven by the cylinder wheel (17) of the machine, the said belt driving each said rollers, and the yarn (1) being gripped in between each said rollers and the belt and fed positively to the knitting elements (7).

Complete Specn. 8 pages.

Drawings 4 sheets, each of size 33.00 cms. × 41.00 cms.

CLASS 208 [XLI(6)]

149122.

Int. Cl. B 43 k 1/04.

#### IMPROVEMENTS IN OR RELATING TO NIB.

*Applicant & Inventor* : ARULANANTHAM NEPOLIAN, OF KADUVETTYVIDUTHI VILLAGE & P.O., (VIA) THIRUVONAM-614614, THANJAVUR DISTRICT, TAMIL NADU.

Application No. 129/Mas/79 filed July 6, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

#### 6 Claims

A nib to be used in conjunction with a writing instrument consisting of a base part and a head part integrally formed therewith, said base part being adapted to be fitted to the holder of any conventional writing instrument and the said head part extending from the said base part characterised in that the writing end of said head part of the nib is flattened at an angle of about 45°.

Complete Specn. 5 pages.

Drwgs. 1 sheet.

CLASS 127I & 129P [LXV(1) & XXXV]

149123.

Int. Cl. B 23 b 25/06.

#### PROFILE TRACING LATHE ATTACHMENT.

*Applicant & Inventor* : BANGALORE SRIVATHSAN KAUSTUBHAN, ROOM NO. 45, IV BLOCK, KARNATAKA REGIONAL ENGINEERING COLLEGE, SRINIVASNAGAR P.O., KARNATAKA, PIN-574157.

Application No. 156/Mas/79 filed August 18, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

#### 1 Claim

A profile tracing lathe attachment that can be attached and used in conjunction with any ordinary lathe in which the carriage contains a cross-slide, comprising a horizontal rack (1) fixed to the cross-slide (12) of the lathe by a set screw (20) screwed into the threaded hole (18) on the lathe; a vertical rack (2) that slides smoothly in a guide-way (3) fixed with bolts (14) to a rigid bar (4) which in turn is mounted on the saddle (5) on the lathe with two bolts (13) screwed into the corresponding threaded holes (17) on the lathe saddle; two pinions (6 and 7) fixed to the common shaft (8) by set screws (15); two bearings (16) mounted on the rigid bar (4) with bolts (19) in order to support the common shaft (8); a pointer arrangement (9) fixed to the vertical rack; and a profile (10) of the required job mounted on a stationary vertical board (11) the arrangement being such that the entire assembly (except for the board) moves integral with the carriage and by giving the cross and longitudinal feeds in such a manner that the pointer follows the profile of the required job while traversing the length of the stationary board, the cutting tool moves along a path that is a replica of the path of the pointer such that the finished job will be identical to the profile.

Complete Specn. 11 pages.

Drawings 1 sheet of size 33.00 cms. × 41.00 cms.

CLASS 153 [XLIII(3)]

149124.

Int. Cl. B 24 b 23/06.

#### AN ABRASIVE BELT.

*Applicants & Inventors* : (1) UDIPI MOHAN RAO, Y 21, ANNA NAGAR, MADRAS-600040, TAMIL NADU & (2) NARASIMHACHARI PADMANABHAN. "VEDA VILAS", 27, HINDIPRACHAR SABHA STREET, T. NAGAR, MADRAS-600017, TAMIL NADU.

Application No. 209/Mas/79 filed November 19, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

#### 2 Claims

An abrasive belt comprising an elongated strip coated with an abrasive material on both its surfaces, the ends of the strip being spliced to form an endless belt, characterised in that one end of the belt is given a twist of 180° before joining it with the other end.

Complete Specn. 9 pages.

Drwgs. 1 sheet.

CLASS 89 & 199 [XLI(6) & XLI(9)]

149125.

Int. Cl. G 01 f 23/06.

#### A FLUID LEVEL INDICATOR.

*Applicant & Inventor* : SHUNMUGAM MURUGAVEL SHUNMUGAVEL, OF 144, G.A. ROAD, MADRAS-600021, TAMIL NADU.

Application No. 9/Mas/80 filed January 10, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

#### 3 Claims

A fluid level indicator comprising a spring-loaded pulley attached by a flexible cord to a float, whereby whenever the float descends with the fall of level of the fluid, the cord unwinds about the pulley while simultaneously unwinding the spring and whenever the float ascends with the rise of level of the fluid, the cord is constrained by the tensioned spring to wind around the pulley; a spindle driveably coupled to the pulley, said spindle thus moving angularly about its axis in response to the angular movement of the pulley; a pointer fixed to the spindle and a graduated dial disposed below the pointer to register the movement of the spindle corresponding to movement of the pulley and thus to indicate the level of the said fluid.

Complete Specn. 7 pages.

Drwg. 1 sheet.

CLASS 32E [IX(1)]

149126.

Int. Cl. C 08 g 17/02.

#### AN IMPROVED PROCESS FOR PRODUCING POLYOLS.

*Applicant* : THE INDIAN SPACE RESEARCH ORGANISATION, 'F' BLOCK, CAUVERY BHAVAN, DISTRICT OFFICE ROAD, BANGALORE-560 009, KARNATAKA.

*Applicants* : (1) KUCHIBHATLA SITARAMASASTRI & (2) GEETHA JANARDHANAN NAIR.

Application No. 36/Mas/80 filed February 21, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

#### 10 Claims. No drawing.

A process for producing polyols comprising homopolymerising 12-hydroxy oleic acid (Ricinoleic acid) in presence of an acid catalyst, monitoring the degree of polymerisation by measuring the drop in acid value of the said polymer till the degree of polymerisation ranging from 2 to 10 is achieved, treating the acid poly-(12-hydroxy oleic acid) with poly alcohols as herein defined so as to react completely with the residual carboxylic group of the said poly-(12-hydroxy oleic acid), and recovering in any known manner the polyols from the reaction mixture.

Complete Specn. 12 pages.

CLASS 123 [I(4)] 149127.

Int. Cl. C 05 c 7/02 &amp; 9/00.

A PROCESS FOR PREPARING A FERTILIZER COMPOSITION BY UREA MELT GRANULATION AND FERTILIZERS PREPARED THEREBY.

*Applicants & Inventors* : (1) TANJORE RAMACHANDRA VISVANATHAN, (2) JEYASINGH BENNETT, (3) VADIVEL SHANMUGAM AND (4) SWAMINATHAN BALASUBRAMANIAM, MADRAS FERTILIZERS LTD., MANALI, MADRAS-600068, TAMIL NADU.

Application No. 39/Mas/80 filed February 25, 1980.

Division of 178/Mas/77 filed November 21, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

## 5 Claims

A process for preparing a fertilizer composition by urea melt granulation comprising spraying of molten urea or urea-potash eutectic melt or a slurry containing urea melt, potash and phosphates on a moving bed of potash and phosphates with urea and recycle fines and granulating the resultant fertilizer composition.

Complete Specn. 7 pages.

Drwg. 1 sheet.

CLASS 123 [I(4)] 149128.

A PROCESS FOR PREPARING A FERTILIZER COMPOSITION BY UREA MELT GRANULATION AND FERTILIZERS PREPARED THEREBY.

*Applicants & Inventors* : (1) TANJORE RAMACHANDRA VISVANATHAN, (2) JEYASINGH BENNETT, (3) VADIVEL SHANMUGAM & (4) SWAMINATHAN BALASUBRAMANIAM, MADRAS FERTILIZERS LTD., MANALI, MADRAS-600068, TAMIL NADU.

Application No. 40/Mas/80 filed February 25, 1980.

Division of 178/Mas/77 filed November 21, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

## 5 Claims

A process for preparing a fertilizer composition by urea melt granulation comprising spraying of molten urea or a slurry containing urea melt and phosphates on a moving bed of phosphate or a mixture of phosphates and urea and recycle fines and granulating the resultant fertilizer composition.

Complete Specn. 7 pages.

Drwg. 1 sheet.

CLASS 26 [XXV(1)] 149129.

Int. Cl. A 47 I 13/144.

## A FLOOR SWAB.

*Applicant & Inventor* : VENKAT, C/o JAI ENTERPRISES, 205-C, THAMBU CHETTY STREET, MADRAS-600001, TAMIL NADU.

Application No. 68/Mas/80 filed April 1, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

## 4 Claims

A floor swab comprising a rod one end of which is intended for being manually gripped, while the other end thereof is provided with a pair of spaced rollers; a clamp disposed between the rollers said clamp having a sponge pad securely held therein; means attached to the said clamp, said means, when actuated, drawing the clamp (along with the sponge pad) between the rollers to compress the said pad and, when de-actuated, thrusting the clamp (along with the sponge pad) away from the rollers to enable the said pad to regain its uncompressed state.

Complete Specn. 6 pages.

Drwg. 1 sheet.

CLASS 192 [LXVI(10)] 149130.

Int. Cl.-A 45 b 15/00.

## AN IMPROVED UMBRELLA.

*Applicant & Inventor* : DEVASAHAYAM STANLEY STANIS LAUS, 254/4, POONAMALLEE HIGH ROAD, MADRAS-600029, TAMIL NADU.

Application No. 100/Mas/80 filed June 2, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

## 18 Claims

An improved umbrella comprising a tubular shaft fitted with a handle at its lower end, said shaft being provided with an auxiliary slider carrying a plurality of shorter ribs and a main slider carrying a plurality of tension links each of which at its other end is connected to one said shorter rib, said auxiliary slider and main slider being interconnected by a pretensioned spring whereby both said sliders tend to move upwards, the upward movement of the sliders being restricted by a means provided below the crown carrying longer ribs whereto the other ends of the shorter ribs are pivoted, while the umbrella canopy is spread over said longer ribs and is held in position in relation to said tubular shaft by a cap member having a threaded annular recess which engages with said tubular shaft towards its top end so that the central portion of the canopy is retained between said cap member and crown, the canopy ends being provided with a plurality of nipples within each of which the other end of each said longer rib cooperates, the upward sliding movement of said main slider being held by a further means located near the lower end of the shaft when the umbrella is desired to be collapsed.

Complete Specn. 12 pages.

Drawings 1 sheet of size 33.00 cms. x 41.00 cms.)

CLASS 29D [XLI(2)] 149131.

Int. Cl.-G06f 15/36.

DIGITAL COMPUTER FOR STATISTICAL DATA PROCESSING.

*Applicant* : GOSUDARSTVENNOE SOJUZNOE KONSTRUKTORSKOTEKHNOLICHESKOE BIURO P.O. PROEKTIROVANIJU SCHETNYKH MASHIN, ULITS A. ZELENINA, 24, LENINGRAD, USSR.

*Inventors* : EVGENY EVGENIEVICH VLADIMIROV, VLADIMIR GERASIMOVICH KORCHAGIN, JURY BORISOVICH SADOVMOV AND LEV MIKHAILOVICH KHOKHLOV.

Application No. 849/Cal/77 filed June 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 3 Claims

A digital computer for statistical data processing comprising a random number generator for producing a uniform pseudo-random number sequence, a clock with its multichannel input being connected to a multichannel output of the random number generator, four stochastic data rounding units intended for linear conversion of the code into its probability and for stochastic rounding of numbers, in which some, multichannel inputs of the first two stochastic data rounding units being connected to input data lines, which other multichannel inputs of all the stochastic data rounding units being connected to a multichannel output of the clock; first two of the three receiving registers being connected to respective multichannel outputs of the stochastic data rounding units through gate units; the first receiving register being connected to a multichannel input of the third stochastic data rounding unit and the multichannel input of the third receiving register being connected to a multichannel output of the shift register unit which being connected to its multichannel input, to multichannel outputs of the last two receiving registers and to a multichannel input of the last stochastic data rounding unit the outputs of the said clock being connected to inputs of the gate units; and also comprising a data accumulator intended for data accumulation and group shift of information, a single-time step multiplier for stochastic multiplication of numbers, with the inputs thereof connected respectively, to the outputs of the last two stochastic data rounding units which are connected

to an output of the single-time multiplier also coupled to the input of the data accumulator, a multichannel output thereof being connected to multichannel inputs of the first two stochastic data rounding units and to respective output lines, a quantization step counter intended to determine an amplitude interval of quantization in which multichannel outputs are connected to other multichannel inputs of the stochastic data rounding units, and its input is connected to the output of the clock, a read-only memory intended for storing harmonic functions, "correlation window" functions, and the values of functions of the type  $n = -P \log_2 p$  and for storing micro-instructions, its one input being connected to a multichannel output of the data accumulator, a multichannel input of which is connected to multichannel outputs of the first two stochastic data rounding units, and another multichannel input of the read-only memory is connected to a multichannel output of the clock in which an input is connected to a respective output of the read-only memory, other outputs of which are connected to inputs of the receiving registers, an input of the shift register unit, an input of the random-number generator, an input of the data accumulator and to an input of the adder in which a multichannel input is connected to a multichannel output of the read-only memory, and a multichannel output is connected to a multichannel input of the first receiving register and to respective output lines.

Comp. Specn. 21 pages.

Drg. 2 sheets.

CLASS 146D<sub>2</sub> [XXXVIII(2)]

149132.

Int. Cl.-G03b 21/08, 21/11, 21/30.

A COMPACT OPTICAL PROJECTOR FOR MICROFICHES AND CASSETTES.

*Applicant* : IZON CORPORATION, 45 RESEARCH DRIVE, STAMFORD, CONNECTICUT 06906, UNITED STATES OF AMERICA.

*Inventor* : GEORGE JOHANNUS YEVICK.

Application No. 1321/Cal/77 filed August 24, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 26 Claims

A compact optical projector for microfiches and cassettes of the type for projecting a cone of light from an illuminated micro-image, including a plurality of reflecting surfaces of intercepting and folding a cone of light and a dual function optical element adapted to reflect or to transmit light according to the angle of incidence of incident light thereon relative to the critical angle of reflection, the said dual function optical element being defined by a transparent prism sheet including a multiplicity of prisms at one surface and the other surface thereof being flat.

Complete Specn. 19 pages.

Drg. 9 sheets.

CLASS 166B [LIII(2)]

149133.

Int. Cl.-B63b 21/00.

CONNECTING DEVICE BETWEEN A FLOATING STRUCTURE AND AN ANCHOR.

*Applicant* : SINGLE BUOY MOORINGS INC., OF 12, RUE ABBE BOVET, FRIBOURG, SWITZERLAND.

*Inventor* : ROGER MARRI.

Application No. 1544/Cal/77 filed October 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 7 Claims

A connecting device between a floating structure and an anchor comprising an upwardly extending rod or tube which in use is intended to be connected at its lower end to an anchor by means of a pair of pivot axes which are perpendicular to each other, a plurality of arms which in use are intended to be connected at one end thereof for substantially vertical swinging movement about a substantially horizontal axis to the floating structure, said arms extending in different directions away from the rod or tube, and rigid links having one end pivotally interconnected to the other ends of the respective arms adjacent the rod or tube for vertical swinging movement about horizontal axes, the said links being connected to the rod or tube via a universal joint.

Comp. Specn. 13 pages.

Drg. 3 sheets.

CLASS 63C & D [LVII(2)]

149134.

Int. Cl.-H02k 13/00, 23/66.

A VOLTAGE REGULATOR AND BRUSH ASSEMBLY FOR A DYNAMO ELECTRIC MACHINE.

*Applicant* : LUCAS INDUSTRIES LIMITED, OF GREAT RING STREET, BIRMINGHAM B19 2XF, ENGLAND.

*Inventors* : MAURICE JAMES ALLPORT AND ROBER HEMMINGS.

Application No. 1523/Cal/77 filed October 18, 1977.

Convention date October 22, 1976/(44042/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

A voltage regulator and brush assembly for a dynamo electric machine in which a body of the voltage regulator is mounted on a housing of the brush assembly by means of a screw connection and a co-operating wedging formation between a tongue projecting from the body and a recess in the housing, in which recess the tongue engages, the screw connection and co-operating wedging formation being arranged so that tightening of the screw connection serves to increase the wedging action between the tongue and the recess whereby a firm connection between the voltage regulator and the brush housing is obtained.

Comp. Specn. 10 pages.

Drg. 2 sheets.

CLASS 63A<sub>1</sub> [LVII(2)]

149135.

Int. Cl.-H02k 47/00.

RECTIFIER AND BRUSH ASSEMBLY FOR AN ALTERNATOR.

*Applicant* : LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM B19 2XF ENGLAND.

*Inventors* : MAURICE JAMES ALL PORT AND HERBERT JOHN THOMAS.

Application No. 1524/Cal/77 filed October 18, 1977.

Convention date October 23, 1976/(4409676) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 6 Claims

A rectifier and brush assembly for an alternator, in which assembly field diodes in the rectifier have terminals interconnected by a common electrical connector, the common electrical connector has an integral apertured flange which is secured in electrical connection with an electrically conductive plate by means of a fixing screw which passes through the electrically conductive plate, and said electrically conductive plate is mounted on an electrically insulating brush housing in electrical connection with one of the brushes and serves as an abutment for a spring biasing said one of said brushes.

Comp. Specn. 6 pages.

Drg. 1 sheet.

CLASS 5D & 92-I [I(1) & XLIV(2)]

149136.

Int. Cl.-A01d 41/02.

COMBINE HARVESTER.

*Applicant* : VERSATILE MANUFACTURING LTD., OF 1260 CLARENCE AVENUE, WINNIPEG, MANITOBA, CANADA.

*Inventor* : DANIEL PAKOSH.

Application No. 1566/Cal/77 filed November 1, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 12 Claims

A combine harvester in which the threshing device for separating the grain comprises a rotary impeller assembly including, a substantially cylindrical casing, a threshing grate in the casing through which separated grain passes, and a rotary impeller rotatably mounted within the casing and having a central axle to which are affixed a plurality of blades extending outwardly therefrom, at least the outer edges of the blades being resilient.

Com. Specn. 20 pages.

Drg. 6 sheets.

CLASS 145D [XXIV(4)]

149137.

Int. Cl.-D21f 3/00.

A PAPER WEB PROCESSING MACHINE FOR COATING SAME.

*Applicant* : BELOIT CORPORATION, BELOIT, WISCONSIN 53511, U.S.A.*Inventor* : GEORGE LESLIE DRFHER.

Application No. 1191/Cal/78 filed November 4, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 9 Claims

A paper web processing machine for coating the paper web comprising in combination means for supplying a continuously travelling paper web; a breaker press having a breaker nip formed between a first roll and a second roll; means for controlling the nip pressure between said rolls; a third roll forming a coating nip with said second roll with said web passing through said second nip immediately following the first nip; and a coating supply means applying coating to at least one surface of the web as it moves into said second nip.

Comp. Specn. 13 pages.

Drg. 1 sheet.

## OPPOSITION PROCEEDINGS

## (1)

An opposition has been entered by Victory Flask Co. Pvt. Ltd. to the grant of a patent on application No. 148373 made by Mario Posnansky & another.

## (2)

An opposition has been entered by National Research Development Corporation of India to the grant of a patent on application No. 148439 made by T. K. Chemicals Limited.

## PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

## (1)

141029 141030 141031 141032 141033 141034 141035 141036  
141038 141039 141041 141042 141043 141044 141045 141046  
141047 140049 141050 141052 141053 141054 141056 141057  
141058 141059 141060 141063 141064 141066 141067 141068  
141069 141070 141071 141073 141075 141076 141077 141078  
141079 141081 141082 141083 141084 141086 141087 141088  
141089 141090 141091 141092 141093 141094 141095 141096  
141097 141098 141099 141100 141101 141102 141103 141104  
141106.

## PATENT SEALED

143651 144290 147521 147665 147766 147779 147819 147855  
147856 147944 147955 147960 148171 148172 148319 148320  
148322 148324 148326 148328 148329 148330 148331 148332  
148334 148335 148336.

## PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 82 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
142396 (27.08.74)	Process for producing stabilized halogen containing polymers.
142397 (30.08.74)	Process for chlorinating ethylene polymers.

142399 (20.09.74) Process for the preparation of azo pigments.

142466 (13.08.74) Process for the low pressure polymerisation of olefins in the presence of solid catalytic complexes.

142507 (18.08.75) Process for the production of hydrogen carbon monoxide and light hydrocarbon containing gases.

142521 (14.04.76) A process for the chlorination of vinyl chloride polymers.

142549 (02.07.74) Process for the manufacture of polylactones from  $\alpha$ ,  $\beta$ -dichloropropionic acid or its derivatives.

142573 (04.10.74) Process for the preparation of vesiculated polymer beads.

142574 (04.10.74) Process for preparing urea formaldehyde resin beads.

142606 (02.08.74) Improvements in electrochemical process and an electro chemical cell.

142608 (24.09.74) Process for the preparation of cationic dyestuffs.

142657 (30.10.75) Improvements in a fluidized catalytic cracking process.

142788 (19.12.79) Process for the preparation of azo dyestuffs containing nitrile groups.

142821 (20.05.74) A process for preparing a zinc oxide base catalyst.

142853 (03.09.75) A process for the dehydrogenation of hydrocarbons.

142893 (04.10.74) A method for producing cellulose from peat for use as a raw material in paper making.

## RENEWAL FEES PAID

105279 105280 106657 107002 107009 107079 107100 107552  
108889 111187 111213 111713 111774 111829 111831 111853  
112088 112381 112859 116590 116816 117300 117315 117382  
117470 117528 117529 117553 117570 117579 117715 117754  
118662 119131 119417 121186 122046 122253 122325 122430  
122468 122469 122470 122471 122472 122473 122474 122475  
122476 122477 122556 122706 122720 122798 122815 122838  
122854 122855 123017 123273 123569 124159 124182 124183  
124184 124185 124186 124455 125130 125131 125132 125358  
126279 127153 127154 127157 127166 127577 127673 127674  
128043 128065 128096 128097 128267 128591 128592 128957  
129359 129393 131215 131677 131678 131783 131960 132161  
132216 132505 132551 132557 132577 132608 132626 132963  
133711 133966 134772 135450 135451 135452 135453 135776  
135804 136067 136585 136606 136723 136899 137364 137666  
137813 138200 138349 138484 138686 139175 139474 139853  
139922 139945 139994 140006 140061 140074 140314 140404  
140529 140575 140646 140727 140745 140782 141008 141090  
141114 141171 141208 141297 141649 141752 141782 142012  
142070 142106 142172 142286 142298 142326 142368 142777  
142797 142989 143116 143123 143249 143255 143347 143452  
143550 143583 143602 143671 143712 143952 144042 144094  
144171 144291 144308 144325 144331 144422 144610 144705  
144774 144793 144811 144873 144882 144968 144971 144991  
145083 145084 145085 145416 145426 145516 145668 145724  
145735 145742 145770 145918 146237 146238 146239 146240  
146243 146252 146254 146257 146315 146332 146354 146409  
146486 146559 146655 146663 146665 146679 146681 146815  
146852 146943 146944 146992 146995 147039 147042 147233  
147259 147263 147266 147321 147401 147418 147421 147470  
147539 147610 147623 147813 148181 148188 148195.

## RESTORATION PROCEEDINGS

## (1)

Notice is hereby given that an application for restoration of Patent No. 103466 dated the 19th October, 1965 made by Tachikawa Research Institute on the 22nd September, 1979 and notified in the Gazette of India, Part-III, Section 2 dated the 1st March, 1980 has been allowed and the said patent restored.

## (2)

Notice is hereby given that an application for restoration of Patent No. 132322 dated the 2nd August, 1971 made by Dulmison (Australia) Pty. Limited on the 2nd August, 1980 and notified in the Gazette of India, Part-III, Section 2 dated the 20th December, 1980 has been allowed and the said patent restored.

## (3)

Notice is hereby given that an application for restoration of Patent No. 137878 dated the 15th June, 1974 made by Federal-Mogul Corporation on the 21st April, 1979 and notified in the Gazette of India, Part-III, Section 2 dated the 3rd November, 1979 has been allowed and the said patent restored.

## (4)

Notice is hereby given that an application for restoration of Patent No. 143081 dated the 22nd January, 1975 made by Dr. Wasdeorao Paikaji Telang on the 17th September, 1979 and notified in the Gazette of India, Part-III, Section 2 dated the 19th January, 1980 has been allowed and the said patent restored.

## (5)

Notice is hereby given that an application for restoration of Patent No. 142379 dated the 17th December, 1975 made by Tokyo Engineering Co. Ltd. on the 11th September, 1980 and notified in the Gazette of India, Part-III, Section 2 dated the 28th February, 1981 has been allowed and the said patent restored.

## (6)

Notice is hereby given that an application for restoration of Patent No. 143469 dated the 19th November, 1974 made by Council of Scientific and Industrial Research on the 19th March, 1980 and notified in the Gazette of India, Part-III, Section 2 dated the 30th August, 1980 has been allowed and the said patent restored.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 150110. M/s. Dalbir Industries (Regd.), a partnership firm of G.T. Road, Simble, Batala 143505 (Punjab State). 'Lathe-Machines'. November 3, 1980.

## EXTENSION OF COPYRIGHT FOR THE SECOND PERIOD OF FIVE YEARS

Nos.	143056, 143587, 143908, 144231, 144232, 144233, 144399, 144282, 144283, 144287, 144299, 144399, 144319, 144323, 144357, 144358, 144579, 144685, 144850	..	Class 1.
Nos.	144173, 144178, 144281, 144344, 144650, 144620, 144809, 144810, 144811, 144851, 144972	..	Class 3.
Nos.	144204, 144205, 144206, 144207, 144208, 144209, 144210, 144341 & 145053	..	Class 4.
No.	149271	..	Class 12.
No.	144476	..	Class 13.

## EXTENSION OF COPYRIGHT FOR THE THIRD PERIOD OF FIVE YEARS

Nos.	138722, 138723, 138724, 143587, 143908, 144399	..	Class 1.
Nos.	138562, 138673, 138674, 138700, 138701, 138797, 138850, 138876, 139002 & 144173	..	Class 3.
No.	139003	..	Class 4.
No.	138709	..	Class 5.
Nos.	138799 & 138800	..	Class 10.
Nos.	139145 & 139146	..	Class 11.
No.	144476	..	Class 13.

S. VEDARAMAN

Controller-General of Patents, Designs and Trade Marks.